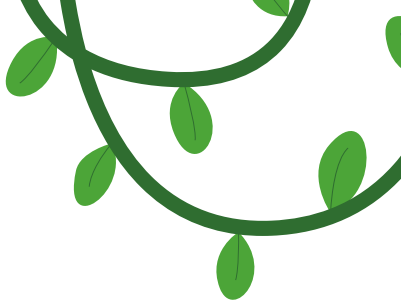


Scientific Program

The Global Symposium on Earth–Environment–Energy–Food Sciences



Hotel Name: Hampton by Hilton Rome North Fiano Romano

Address: Località Bei Poggi, 00065 Fiano Romano RM, Italy

November 17, 2025 | Rome, Italy

November 17 -2025

Meeting Room : Flavia

08:30-08:50 Registrations

08:50- 09:00 Opening Ceremony

09:00-09:10 Introduction



Keynote Forum

09:10AM -09:35 AM



Title : From Conflict to Collaboration: Building a Sustainable Future for Social Forestry in Java

Prof. Dr. H. Mohammad Adib

Airlangga University Surabaya, Indonesia

09:35AM -10:00 AM



Title : The Novel Multi-Angled Façade Configuration and Its Impact on Energy Performance and Office Space Sustainability

Dr. Loay Hannoudi

Middlesex University, United Kingdom

Oral Presentation

10:00AM -10:20 AM



Title : Energy-Efficient Thermal Simulation of a High-Power LiFePO₄ Battery Module with Active Cooling for Biomedical Applications

Prof. Gotsiridze Irine

Georgian Technical University, Georgia

10:20AM -10:40 AM



Title : Biodiversity Corridors in Vietnam's Central Annamite Landscape: Connecting Protected Areas to Enhance Wildlife Conservation and Landscape Connectivity

Dr. Nguyen Van Tri Tin

Southern Cross University, Australia

10:40 AM -11:00 AM

Refreshment Break & Photography Session

11:00AM -11:20 AM



Title : Optimizing P2P Energy Markets: A Multi-Objective Approach to Prosumers' Trading Decisions

Dr. Zakhirehkar Sahih

University of New South Wales, Australia

11:20AM -11:40 AM



Title : Environmental Science in Tiger Work: Stories, Essays and Poems about Climate Change (2023) – Sir Ben Okri’s Aesthetics of Necessity

Dr. Rosemary Gray

University of Pretoria, South Africa

11:40 AM -12:00 PM



Title : Soilless Agriculture: Growing Without Limits

Dr. Khaled Alakeel

King Abdulaziz City for Science and Technology, Saudi Arabia

12:00PM -12:20 PM



Title : Estimation of Household Flexibility Potential for Smart Operation of Distribution Grids

Dr. Sabrina Krähmer

Technische Hochschule Ulm , Germany

12:20PM -12:40 PM



Title : Strategic Insights into Urban Green Infrastructure: Planning Sustainable Cities through the understanding of Land Use and Ownership Dynamics

MS. Alejandra Narváez Vallejo

University of Stuttgart, Germany

12:40 PM - 13 :00 PM



Title : Steady state and stability performance of Natural circulation Loops for various applications

Ms. Swati Gangwar

Indian Institute of Technology, India

13:00PM -14:00 PM

Lunch Break

14:00 PM -14:20 PM



Title : Incorporation of Health at the Heart of Sustainable Development and Future Smart Cities

Dr. Jwngma Basumatary

School of Planning and Architecture, India

14:20 PM -14:40 PM



Title : Predicted Feasibility and Economic Return of Drainage Water Recycling in an Arid Region

Dr. Sina Kosari

University of Tehran, Iran

14:40 PM -15:00 PM



Title : Quantifying Public Sentiment on Climate Change: Insights from Sentiment Analysis

Prof. Nor Fariza Mohd Nor

National University of Malaysia, Malaysia

15:00 PM -15:20 PM



Title : Underutilized Food Plants and their Potential Contribution to Food Security: Lessons Learned from the Local Context

Dr. Fernando Barrios

University of Caen, Normandy

15:20 PM -15:40 PM



Title : Utilizing of Iron Filings in Geopolymer Mortar as a Target for Climate Change Mitigation

Dr. Mohamed Fouad A Abdu

Housing and Building National Research Center (HBRC), Egypt

15:40 PM - 16:00PM



Title : Isolation and Optimization of a Bacterial Consortium for Effective Cadmium Removal through Mixture Design Approaches

Ms. Athira V. M

National Institute of Technology, India

16:00 PM - 16:20 PM : Coffee Break (20 min)

16:20 PM -16:40 PM



Title : SWOT-based strategic planning for sustainable Pacific oyster (*Magallana gigas*) aquaculture in Baja California, Mexico

Dr. Mary Carmen Ruíz-de la Torre

Autonomous University of Baja California , Mexico

16:40 PM - 17:00 PM



Title : On Projection of Future Climate Extremes Under Global Warming with Emphasis on Iran

Dr. Mostafa Naderi

Institute for Advanced Studies in Basic Sciences, Iran

17:00 PM - 17:20 PM



Title : Interfacial engineering approach for enhanced degradation of methylene blue using platinum-coated polystyrene rough particles: Flow-regulated catalytic activity and kinetic modeling

Dr. Manigandan Sabapathy

Indian Institute of Technology Ropar, India

17:20 PM - 17:40 PM



Title : Modelling inorganic Arsenic in rice in relation to soil environmental factors using machine learning approach

Dr. Supriya Majumder

RIMT University, India

17:40 PM - 18:00 PM



Title : Calculating the true costs of protein sources by integrating environmental costs and market prices (Oral Presentation)

Title : Assessing the Environmental Impact of Biofertilizers and Biostimulants on Climate Change in Europe (Poster Presentation)

Ms. Sahar Azarkamand

Alzahra University, Spain

18:00 PM - 18:20 PM



Title : Retail cheese packaging, labeling, and market trends

Ms. Deb Jasperson

Clemson University in South Carolina, USA

18:20PM - 18:40 PM



Title : New Perspectives on Bakery Products with Functional Properties and Enhanced Nutritional Benefits

Dr. Giusy Rita Caponio

University of Bari Aldo Moro, Italy

18:40PM - 19:00 PM



Title : Potential of Mountain Forest Ecosystems to Provide Ecosystem Services “Cultural heritage” – case study “Pirin” National Park, Bulgaria

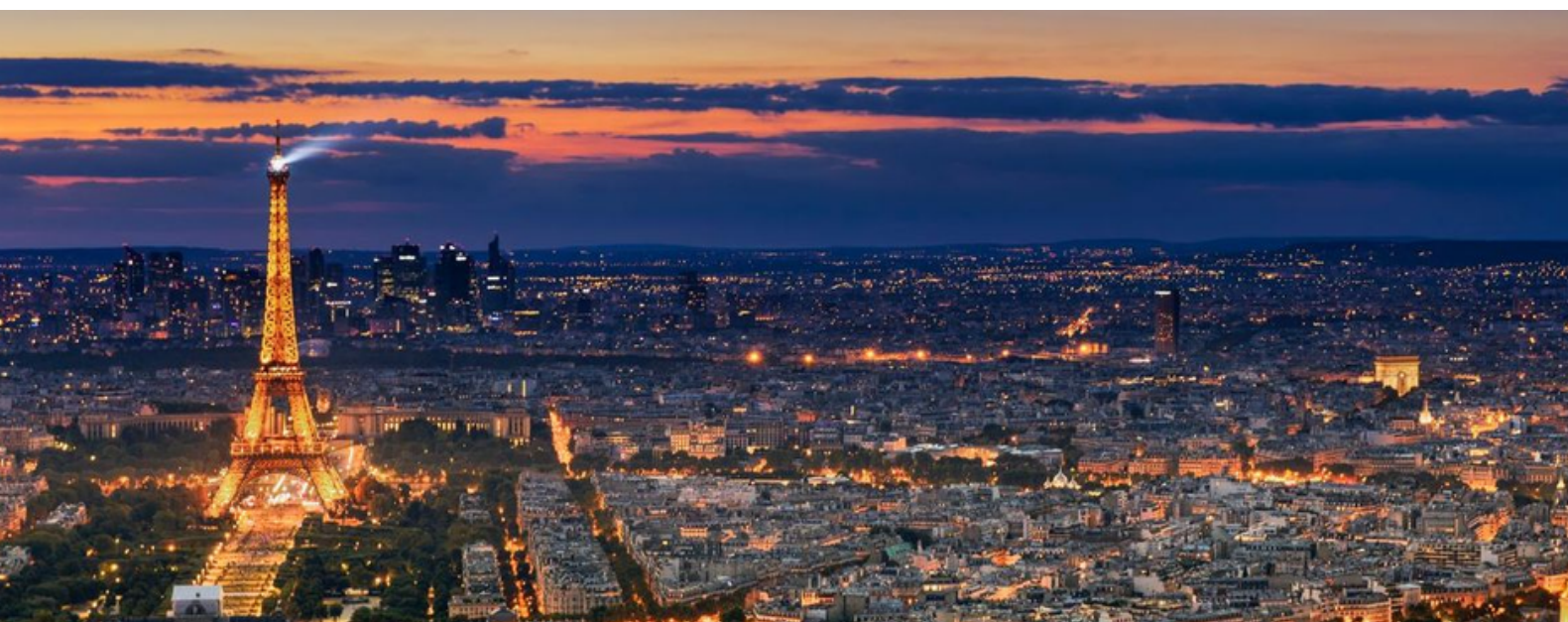
Dr. Maria Glushkova

Forest Research Institute - Bulgarian Academy of Sciences



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ENVIRONMENTAL SCIENCE, GREEN ENERGY & PLANT SUSTAINABILITY

November 16-18, 2026 | Paris, France



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Thank You

